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(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): YAK, Aik, S. [SG/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PANG, Che, C. [MY/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LI, Wenhua [CN/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) Agent: UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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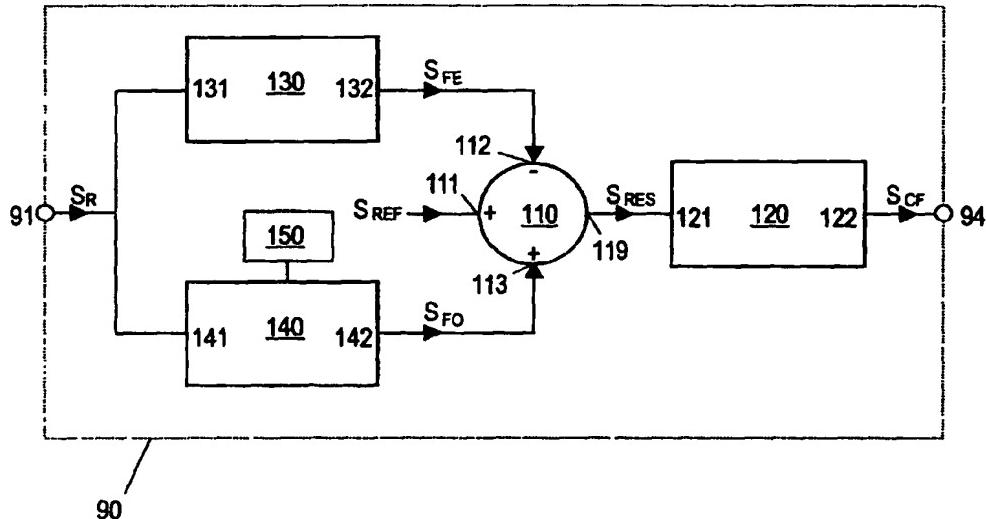
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(54) Title: DISC DRIVE APPARATUS



(57) Abstract: A method for controlling an axial position of an objective lens in an optical system of an optical disc drive apparatus, the method comprising the steps of: generating a reference signal (SREF) representing a desired amount of focal error; generating a focal error signal (SFE) representing the actual focal error; generating a focal offset error signal (SFO) representing the actual focal offset error (FOE); adding the focal offset error signal (SFO) to said reference signal (SREF), and subtracting said focal error signal (SFE), to obtain a result signal (SRES); generating a focal actuator control signal (ScF) on the basis of said result signal (SRES) = SREF + SFO. The actual focal offset error (FOE) may be calculated from a lens shift (LS) representing signal on the basis of a predetermined relationship between focal offset error (FOE) and lens shift (LS).

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